RAW SEQUENCE LISTING   DATE: 07/11/2001
PATENT APPLICATION: US/09/762,432   TIME: 11:26:07

Input Set : A:\Sequence.txt
Output Set: N:\CRF3\07112001\I762432.raw   **ENTERED**

```
    4 <110> APPLICANT: Seth P. Finklestein
    6 <120> TITLE OF INVENTION: TREATMENT OF CENTRAL NERVOUS SYSTEM ISCHEMIA OR TRAUMA WITH
    7       EPIDERMAL GROWTH FACTOR-LIKE POLYPEPTIDES
    9 <130> FILE REFERENCE: 00786-400002
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/762,432
C--> 11 <141> CURRENT FILING DATE: 2001-06-04
   11 <150> PRIOR APPLICATION NUMBER: PCT/US99/18022
   12 <151> PRIOR FILING DATE: 1999-08-06
   14 <150> PRIOR APPLICATION NUMBER: US 60/095,830
   15 <151> PRIOR FILING DATE: 1998-08-07
   17 <160> NUMBER OF SEQ ID NOS: 3
   19 <170> SOFTWARE: FastSEQ for Windows Version 3.0
   21 <210> SEQ ID NO: 1
   22 <211> LENGTH: 888
   23 <212> TYPE: DNA
   24 <213> ORGANISM: Homo sapiens
   26 <220> FEATURE:
   27 <221> NAME/KEY: CDS
   28 <222> LOCATION: (262)...(885)
   30 <400> SEQUENCE: 1
   31  gctacgcggg ccacgctgct ggctggcctg acctaggcgc gcggggtcgg gcggccgcgc    60
   32  gggcgggctg agtgagcaag acaagacact caagaagagc gagctgcgcc tgggtcccgg   120
   33  ccaggcttgc acgcagaggc gggcggcaga cggtgcccgg cggaatctcc tgagctccgc   180
   34  cgcccagctc tggtgccagc gcccagtggc cgccgcttcg aaagtgactg gtgcctcgcc   240
   35  gcctcctctc ggtgcgggac c atg aag ctg ctg ccg tcg gtg gtg ctg aag    291
   36                          Met Lys Leu Leu Pro Ser Val Val Leu Lys
   37                           1               5                   10
   39  ctc ttt ctg gct gca gtt ctc tcg gca ctg gtg act ggc gag agc ctg    339
   40  Leu Phe Leu Ala Ala Val Leu Ser Ala Leu Val Thr Gly Glu Ser Leu
   41                  15                  20                  25
   43  gag cgg ctt cgg aga ggg cta gct gct gga acc agc aac ccg gac cct    387
   44  Glu Arg Leu Arg Arg Gly Leu Ala Ala Gly Thr Ser Asn Pro Asp Pro
   45                  30                  35                  40
   47  ccc act gta tcc acg gac cag ctg cta ccc cta gga ggc ggc cgg gac    435
   48  Pro Thr Val Ser Thr Asp Gln Leu Leu Pro Leu Gly Gly Gly Arg Asp
   49                  45                  50                  55
   51  cgg aaa gtc cgt gac ttg caa gag gca gat ctg gac ctt ttg aga gtc    483
   52  Arg Lys Val Arg Asp Leu Gln Glu Ala Asp Leu Asp Leu Leu Arg Val
   53      60                  65                  70
   55  act tta tcc tcc aag cca caa gca ctg gcc aca cca aac aag gag gag    531
   56  Thr Leu Ser Ser Lys Pro Gln Ala Leu Ala Thr Pro Asn Lys Glu Glu
   57      75                  80                  85                  90
   59  cac ggg aaa aga aag aag aaa ggc aag ggg cta ggg aag aag agg gac    579
   60  His Gly Lys Arg Lys Lys Lys Gly Lys Gly Leu Gly Lys Lys Arg Asp
   61                  95                 100                 105
   63  cca tgt ctt cgg aaa tac aag gac ttc tgc atc cat gga gaa tgc aaa    627
   64  Pro Cys Leu Arg Lys Tyr Lys Asp Phe Cys Ile His Gly Glu Cys Lys
```

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65                   110                 115                 120
67  tat gtg aag gag ctc cgg gct ccc tcc tgc atc tgc cac ccg ggt tac        675
68  Tyr Val Lys Glu Leu Arg Ala Pro Ser Cys Ile Cys His Pro Gly Tyr
69          125                 130                 135
71  cat gga gag agg tgt cat ggg ctg agc ctc cca gtg gaa aat cgc tta        723
72  His Gly Glu Arg Cys His Gly Leu Ser Leu Pro Val Glu Asn Arg Leu
73      140                 145                 150
75  tat acc tat gac cac aca acc atc ctg gcc gtg gtg gct gtg gtg ctg        771
76  Tyr Thr Tyr Asp His Thr Thr Ile Leu Ala Val Val Ala Val Val Leu
77  155                 160                 165                 170
79  tca tct gtc tgt ctg ctg gtc atc gtg ggg ctt ctc atg ttt agg tac        819
80  Ser Ser Val Cys Leu Leu Val Ile Val Gly Leu Leu Met Phe Arg Tyr
81                  175                 180                 185
83  cat agg aga gga ggt tat gat gtg gaa aat gaa gag aaa gtg aag ttg        867
84  His Arg Arg Gly Gly Tyr Asp Val Glu Asn Glu Glu Lys Val Lys Leu
85                  190                 195                 200
87  ggc atg act aat tcc cac tga                                            888
88  Gly Met Thr Asn Ser His
89          205
91  <210> SEQ ID NO: 2
92  <211> LENGTH: 208
93  <212> TYPE: PRT
94  <213> ORGANISM: Homo sapiens
96  <400> SEQUENCE: 2
97  Met Lys Leu Leu Pro Ser Val Val Leu Lys Leu Phe Leu Ala Ala Val
98    1               5                  10                  15
99  Leu Ser Ala Leu Val Thr Gly Glu Ser Leu Glu Arg Leu Arg Arg Gly
100             20                  25                  30
101  Leu Ala Ala Gly Thr Ser Asn Pro Asp Pro Pro Thr Val Ser Thr Asp
102          35                  40                  45
103  Gln Leu Leu Pro Leu Gly Gly Gly Arg Asp Arg Lys Val Arg Asp Leu
104      50                  55                  60
105  Gln Glu Ala Asp Leu Asp Leu Leu Arg Val Thr Leu Ser Ser Lys Pro
106   65                  70                  75                  80
107  Gln Ala Leu Ala Thr Pro Asn Lys Glu Glu His Gly Lys Arg Lys Lys
108              85                  90                  95
109  Lys Gly Lys Gly Leu Gly Lys Lys Arg Asp Pro Cys Leu Arg Lys Tyr
110          100                 105                 110
111  Lys Asp Phe Cys Ile His Gly Glu Cys Lys Tyr Val Lys Glu Leu Arg
112          115                 120                 125
113  Ala Pro Ser Cys Ile Cys His Pro Gly Tyr His Gly Glu Arg Cys His
114      130                 135                 140
115  Gly Leu Ser Leu Pro Val Glu Asn Arg Leu Tyr Thr Tyr Asp His Thr
116  145                 150                 155                 160
117  Thr Ile Leu Ala Val Val Ala Val Val Leu Ser Ser Val Cys Leu Leu
118                  165                 170                 175
119  Val Ile Val Gly Leu Leu Met Phe Arg Tyr His Arg Arg Gly Gly Tyr
120              180                 185                 190
121  Asp Val Glu Asn Glu Glu Lys Val Lys Leu Gly Met Thr Asn Ser His
```

Input Set : **A:\Sequence.txt**
Output Set: **N:\CRF3\07112001\I762432.raw**

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       122          195                 200                 205
       124 <210> SEQ ID NO: 3
       125 <211> LENGTH: 36
       126 <212> TYPE: PRT
       127 <213> ORGANISM: Homo sapiens
       129 <220> FEATURE:
       130 <221> NAME/KEY: VARIANT
       131 <222> LOCATION: (1)....(36)
       132 <223> OTHER INFORMATION: Xaa = Any Amino Acid
       134 <400> SEQUENCE: 3
W--> 135  Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa
       136    1               5                  10                  15
W--> 137  Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys Xaa Xaa Xaa Xaa Xaa
       138               20                 25                  30
W--> 139  Xaa Xaa Xaa Cys
       140          35
```

VERIFICATION SUMMARY   ·   DATE: 07/11/2001
PATENT APPLICATION: **US/09/762,432**   TIME: 11:26:08

Input Set : **A:\Sequence.txt**
Output Set: **N:\CRF3\07112001\I762432.raw**

```
L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
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